In re Patent Application of:

KLOTZ ET AL.

Serial No. 10/661,901

Confirm No. 8990

Filed: **09/12/2003** 

AMENDMENTS TO THE SPECIFICATION

Kindly insert the following text in the beginning of the specification, prior to the

"BACKGROUND OF THE INVENTION" section:

CROSS-REFERENCES TO RELATED APPLICATIONS

[0001] This application claims priority of U.S. Provisional Patent Application Ser. No.

60/411,027 filed on Sep. 16, 2002.

Please delete paragraphs [23]-[28] which refer to Figures 7-12.

Please replace pending paragraphs [271], [274] and [275] with the following replacement

paragraphs:

[0271] In addition to the software package of the invention providing a powerful analysis

tool, it also provides an equally powerful display setup that allows users to easily and

efficiently glean information from the software package relative to the analyzed network.

More particularly, the GUI of the software package of the invention generally includes a

debug view, a graph view, and a report view, all of which will be further discussed herein.

FIG. 7 illustrates a first exemplary debug view of the software package of the invention.

FIG. 8 illustrates another exemplary debug view of a trace generated by the software

package of the invention.

[0274] Another main view option for the software package of the invention is the graph

view. When the application is started, the application window appears. This is the main

window for user interaction with the application. The main window consists of several

parts: Toolbar, Display window, and areas below the Display window for other

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information, as illustrated in FIGS. 9 and 10. The graph view allows a user to select various

metrics in the display panel in the lower portion of the GUI. The selected metrics are then

plotted in the upper portion of the screen. This view is extremely valuable in

troubleshooting and analyzing networks, as the graphical view presents an easily readable

representation of the trends of the system. For example, the graphical view would easily

illustrate a steadily increasing pending exchanges parameter, which would otherwise be

difficult to detect.

[0275] Yet another view option available from the software package of the invention is the

report view. Exemplary report views are illustrated in FIGS. 11 and 12. More particularly,

SANMetrics can also display a text-based report detailing performance metrics or pending

exchanges in the trace. The report is based upon information for the current zoom. In

Graph View, information is broken down into samples across time to allow for graphing of

metrics. In Report View, the information is collected as an entire analysis of the whole

trace without the sample breakdown. Therefore, values reported in Report View better

represent the entire trace (or current zoom) as a whole. An example of how this applies is

as follows: Looking at the Average Exchange Completion Time (ECT) metric in the Graph

View shows the values over time across 150 plot points and gives an average value for the

overall 150 samples. This average can be skewed by periods of inactivity throughout time

(when the device did not complete any exchanges, thus resulting in 0.00 values for the

Average ECT). Each individual plot point in the graph represents the Average ECT value

for that time slice (or sample). In Report View, the Average ECT value does not include

the periods of inactivity, as the value is calculated only for the exchanges that have

completed throughout the entire trace (or current zoom). Therefore, the Average ECT value

shown in Report View will be more statistically accurate.

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